

LOOKOUT MOUNTAIN CLIMB AUTO FEAT

Scrapps-Booth Makes Ascent in Eleven Minutes' Run.

Ascending picturesque Lookout Mountain in a little more than eleven minutes is not a record, but it is a splendid feat for a passenger automobile. Machines that have made the trip in fewer minutes than this were racers, stripped especially for the trip. A Scrapps-Booth three-passenger, four-cylinder car made the trip and it was driven by H. Click, sales representative for the Scrapps-Booth Corporation, of Detroit.

"The little Scrapps-Booth went all the way up Lookout in high gear," says Mr. Click. "Some inclines up the winding road are rather steep," says he, "but every time one of these places was reached the engine settled down to faithful, steady strokes, and sent the car zipping over the crest of each."

The Scrapps-Booth car is a light car with many heavy automobile advantages.

From Chattanooga to Knoxville Mr. Click made the trip in five hours and forty-five minutes, although much of the road is very rough. Beside being mountainous, a number of miles of it is unimproved, and is full of chug-holes and ruts.

RIVERS POUR RICHES.

The development of the water supplies of California has greatly contributed to the material growth of the State.

In the days of '39 the first great boom resulted from finding gold in a creek bottom and throughout the early days of gold mining the rapid growth of California was made possible by the development of water supplies for use in placer mining. In latter years came the great irrigation activities, and especially in Southern California the agricultural products have become so valuable that water is probably worth more than it is anywhere else in the country.

GIVE YOUR CAR WATER- CURE TO KEEP IT SHINY

"The best preparations to use in keeping the finish of an automobile looking like new are clean water and plenty of care," says Roy T. Bartholomew, for more than a decade foreman of the Olds Motor Works painting department at Lansing, Mich. And Bartholomew should know, because thousands of Oldsmobiles have received their seven-teen process finish under his expert eye.

"It should be remembered that several different kinds of finish are used in different parts of high-grade cars, and that each kind of finish should have its own brand of treatment in the course of a washing," he continued. "On the Oldsmobile, for example, the radiator shell, lamps, instruments, and steering post are nickel-plated; the hood, fenders, and rims are enameled; and the body has a very fine finish of paints and varnishes."

Method of Procedure.

"The first thing to do in washing a car is to give it a thorough flushing with a low-pressure stream from a hose. The purpose of this is to gently 'flow' off the accumulated dust and dirt in such a way that the hard particles will not scratch. In some cases the mud will stick hard enough to resist the stream from the hose, and when this occurs the particles should be quickly sopped off with a wet sponge."

"The second step is to go over all parts of the car with a clean sponge and cold water, to remove any grease or dirt remaining. Soap may be used if necessary, preferably a pure castile soap."

"Then another thorough dushing should be administered, taking care that soap used in the second step of the bath is not permitted to dry, for it will leave streaks and spots that are difficult to remove."

"After all vestige of dirt has been removed, the polishing begins. Two chamolins should be used; one for radiator, hood, tops of fenders, and

body; the other for the chassis, and under sides of fenders. The rubbing with the chamola should be accompanied by frequent rinsing and wringing out the chamola so that no grit may possibly scratch the polished surfaces. In rubbing a long, smooth, easy motion should be used.

"The top should be permitted to dry before folding, to prevent mildew and creasing of the fabric."

Don't Use Gasoline.

"Gasoline should never be employed in cleaning either the top, body, or any other parts where a lustrous finish is desired."

"Plain cold water, a judicious application of soap, and plenty of care are without rivals in preserving the finish of an automobile; whether it be the top, the leather cushions, the varnished body, or the enameled fenders. A non-scratching polish may be used on the nickel-plated parts."

"Care in washing a car is well worth while, for it pays a big return in appearance."

OPEN WINDOWS OF YOUR MIND

Most of us have jogged along in our own more or less narrow fields, complacently indifferent to the rest of the world, says the August issue of "Firestone," published by the Firestone Tire and Rubber Company.

Up to the time of the war the "Road to Bagdad" brought to most of us merely visions of Oriental dancers or men who smoked long, bearded pipes. France was not much more than a heroic name. Germany was a place where much good music came from; Italy a land of fine ruins and spaghetti. As for Russia, well—we thought half the people wore magnificent furs and the other half were busy getting sent to Siberia.

But now we are taking an unheated

part of the every-day life of civilized men all over the globe.

It is the "all-around" character that succeeds best. Develop yourself; be a broader personality and see how your work will improve; see how much truer you will reflect the organization of which you are a vital part.

Sincerity.

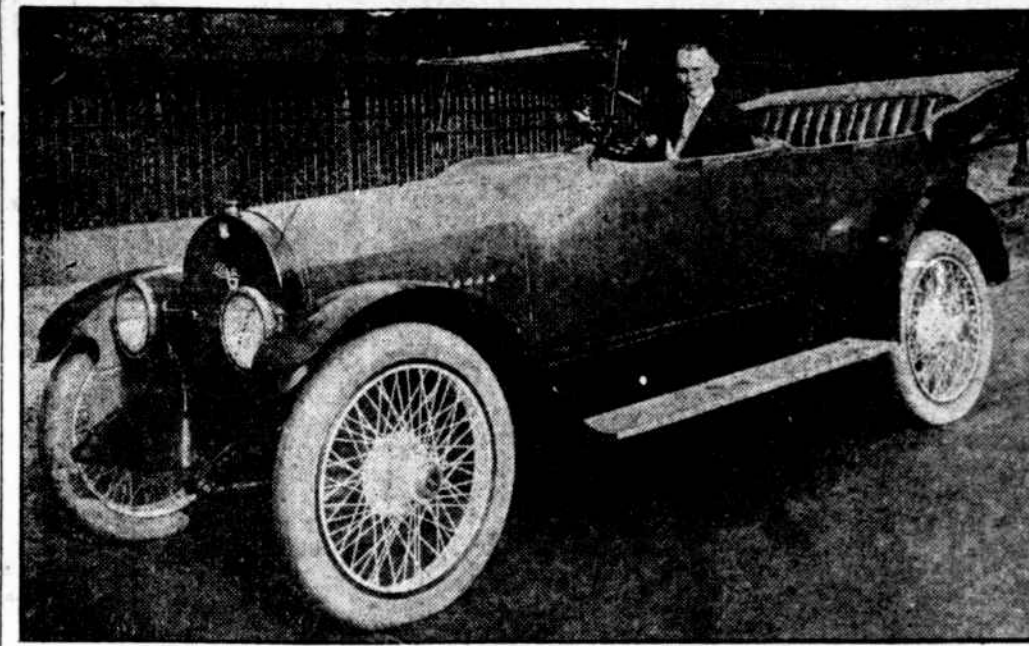
Sincerity is a powerful factor in handling men. Sincerity in this life is one of the most ennobling traits of the human race. But sincerity in

the shop as well as in private life is a quality every one of us should develop. As applied to handling men, if you promise, a man anything see that he gets it. Do not promise something you cannot give or have no right to promise. Treat all men alike and base all promises on that fact. Sincerity, I believe, can gain a for-man more respect than any other quality he may possess; more respect than the fact that he is the finest workman in the shop, or a good manager, or anything in which he may be superior to the general run of men. His recognized sincerity will crown him king of his department. Geo. W. Bowles, in Industrial Management.

of interest in those far-away lands. Men of narrow vision cannot solve the world's problems, cannot take the place of leadership in any of the world's work. "But," you will say, "what great problems have we to solve? We who are absorbed in our daily work have no time for wider fields. What do we need to know about food conservation or the Russian revolution or the transportation problem? We are too much interested in making and selling tires."

But don't forget that making and selling tires is a universal business. It's pretty hard to tell just where it stops. World-wide in scope, it is

THE NEW 1918 MODEL COLE 8 seven-passenger touring car with Mr. P. E. Rowe, president and general manager of the Henderson-Rowe Company, at the wheel.



USE AUTO MOTORS FOR AEROPLANES

Experts Show Standard Machines Can Drive Aircraft.

Jackson, Mich., Aug. 18.—Vandercook Lake, adjoining this city, is the scene of a series of demonstrations, the object of which is to prove that standard automobile motors of any factory are adaptable for the propulsion of aeroplanes and hydro-aeroplanes suitable for the needs of the United States in its aviation training service.

The success of the experiments may mean that this city will become one of the great training camps of the government, as well as the seat of large manufacturing engaged in the production of the training fleets.

The demonstrations are being carried on under the direction of Mayor Harley, of Astoria, Ore., with George Stromer, of Portland, Ore., as chief aviator and Orville Christiansen, of the same city as assistant. Benjamin Briscoe and the officers of the Briscoe Motor Corporation, of this city, are co-operating with the Oregon men in the experiments.

The adoption of standard automobile motors for propulsion of training machines would immediately become a valuable factor in the aviation preparedness measures of the government. Aircraft factories are now occupied very largely in the preparation of training machines, and the principal item of production is the standard aeromotor, which is expensive and time-consuming in manufacture.

The "Oregon Maid" machine being used in the initial experiments here, is the only flexible wing type of hydro-aeroplane biplane in America. It is the invention of Mr. Stromer, who holds the Pacific Northwest record for duration flying. The "Maid" weighs 1,100 pounds and will carry an additional weight of 400 pounds. Mr. Stromer has built and flown every type of hydro-aeroplane known in America, and declares the "Oregon Maid" to be the superior of them all

for dependability and stability. The body of the machine is made of Oregon Spruce, and its wings and wings are covered with medium-weight material, treated and painted, air-tight and waterproof. The "Maid" was manufactured in Portland, Oregon, and is designed as model K-2.

"THIEF'S HERE!" NEW ALARM.

Burglar detection is made a matter of certainty and simplicity by means of a device invented by Lee A. Collins, of Louisville, Ky. Patents are pending on the invention.

With the installation of the alarm a burglar in forcing or gaining an entrance sets in motion the mechanical device, which then summons the police, giving them the name and address of the person whose home or office is being entered.

Another type of the device does not operate with a photograph attachment but instead has a buzzer which warns central, who in turn reports the matter to the police. Another type of the invention has a bell, which is controlled by thermostats, and gives the alarm as well as burglar alarm.

The alarm does not cease if a window or door is closed immediately after being opened, but continues at work until the connection is cut off. The device is simple in construction and can be attached to any telephone.

A special attachment makes it possible for bank or express company cashiers to start the mechanism by pressure of the foot or knee in the event an attempt is made at a hold-up. Two dry-cell batteries operate the entire system. If the bank cashier is held up, for instance, he simply obeys orders and throws up both hands if he deems it best, but his foot is busy meanwhile, and when the foot-operated switch closes, the Collins automatic telephone alarm immediately gets busy. It raises the telephone hook in another room, so the thief will not become desperate and simultaneously starts a small phonograph located near the telephone. It carries a special record, announcing the bank's name, the location and the news that the "thief's here!" It repeats the message over and over again, notifying central, who at once informs police headquarters.

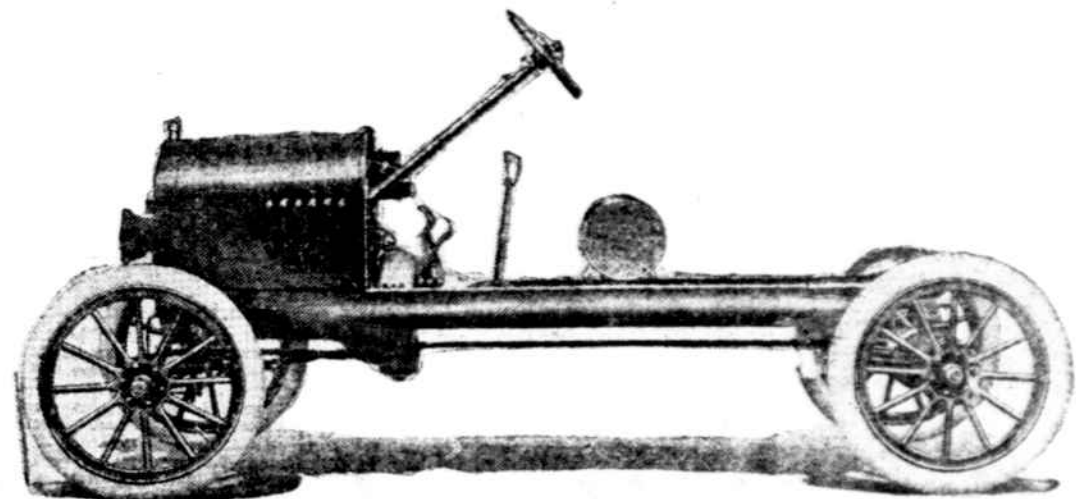
Cleveland Plain Dealer.

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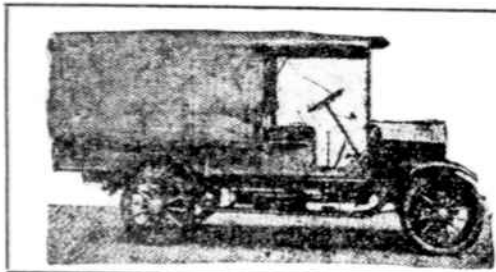


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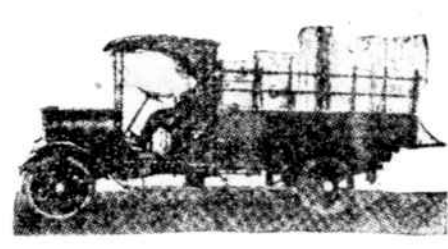
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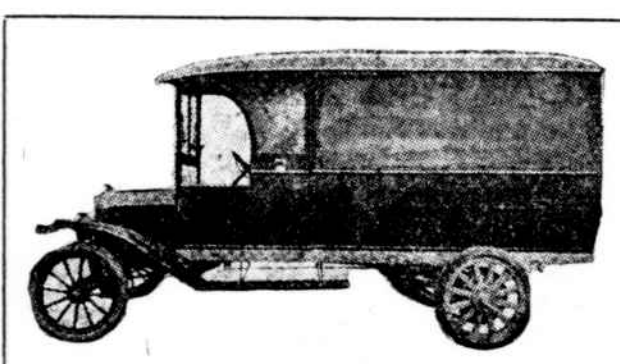
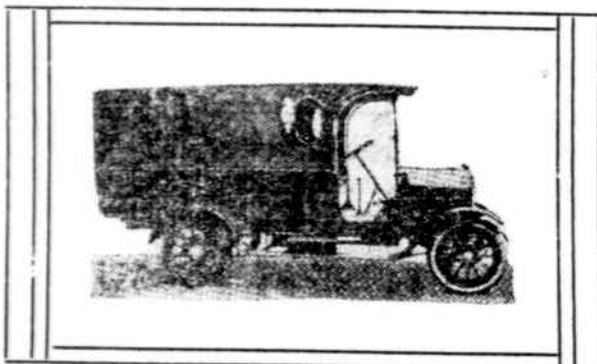
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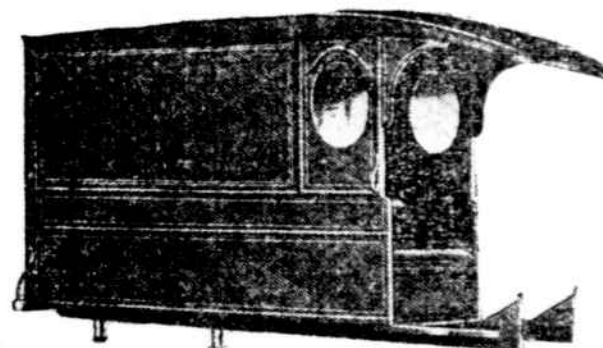
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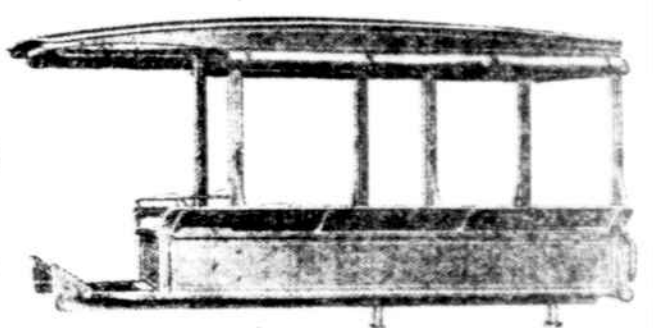
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